# U.S. Patent Application f M ada Serial No.: 09/111,578

#### IN THE CLAIMS:

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Applicant notes comments in the Remarks section for clarification.

Kindly amend the claims as follows:

1. (previously presented) A reel rotation and detection mechanism for a video cassette deck comprising:

a light emitting element for emitting light used to detect at least the leading end and the entraining end of a magnetic tape within a cassette arranged within the video cassette deck;

a light guiding member for guiding the light from the light emitting element into the cassette for detecting the leading and entraining ends of a magnetic tape, and for directly guiding a portion of the light onto the side of the reel for detection of the reel;

at least a first light receiving element for receiving the light guided onto the side of the reel;

a light passing portion and a light screening portion provided on the reel so as to cross the light path reaching from the light guiding member to the first light receiving element through the rotation of the reel;

the light emitting element and the first light receiving element are provided under a deck chassis for mounting main components including the reel of the video cassette deck; and

the light guiding member guiding at least the light from the light emitting element below the deck chassis to a point above the deck chassis and thereafter to the first light receiving element under the deck chassis by way of the light passing portion provided on the reel when aligned with an opening portion on the deck chassis.

2. (previously presented) A reel rotation and detection mechanism for a video cassette deck according to claim 1, wherein:

the deck chassis has an opening portion for light transmission for transmitting the light towards the first light receiving element.

## 3. (canceled)

### U.S. Patent Application f Meada Serial No.: 09/111,578

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8. (previously presented) A reel rotation and detection mechanism for a video cassette deck according to claim 1, wherein:

the light guiding member has a pillar portion extending through the deck chassis to guide the light coming from the light emitting element into the cassette on the deck chassis, and a branch portion extending sideways from the pillar portion to guide the light to the at least first light receiving element, the branch portion being positioned above the deck chassis and opposite to the light passing portion and the light screening portion provided on the reel on the deck chassis.

9. (previously presented) A reel rotation and detection mechanism for a video cassette deck according to claim 2, wherein:

the light guiding member has a pillar portion extending through the deck chassis to guide the light coming from the light emitting element into the cassette on the deck chassis, and a branch portion extending sideways from the pillar portion to illuminate the light to the at least first light receiving element, the branch portion being positioned above the deck chassis and opposite to the light passing portion and the light screening portion provided on the reel on the deck chassis.

10. (previously presented) A reel rotation and detection mechanism for a video cassette deck according to claim 1, wherein;

the light passing portion and the light screening portion is provided on a disk portion

### U.S. Patent Application of Meada Serial No.: 09/111,578

provided integrally on the reel; and

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the branch portion is opposite from above the light passing portion and the light screening portion.

11. (previously presented) A reel rotation and detection mechanism for a video cassette deck according to claim 2, wherein;

the light passing portion and the light screening portion is provided on a disk portion provided integrally on the reel; and

the branch portion is opposite from above the light passing portion and the light screening portion.

12. (previously presented) A reel rotation and detection mechanism for a video cassette deck according to claim 8, wherein:

the light passing portion and the light screening portion is provided in a disk portion provided integrally on the reel; and

the branch portion is at least partially coextensive with the light passing portion [or] and the light screening portion.

13. (previously presented) A reel rotation and detection mechanism for a video cassette deck according to claim 9, wherein:

the light passing portion and the light screening portion is provided in a disk portion provided integrally on the reel; and

the branch portion is at least partially coextensive with the light passing portion and the light screening portion.

14. (previously presented) A reel rotation and detection mechanism for a video cassette deck according to claim 1, wherein:

#### U.S. Patent Application f Meada Serial No.: 09/111,578

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the light emitting element and the at least first light receiving element are engaged on a substrate provided under the deck chassis.

15. (previously presented) A reel rotation and detection mechanism for a video cassette deck according to claim 2, wherein:

the light emitting element and the at least first light receiving element are engaged on a substrate provided under the deck chassis.

16. (previously presented) A reel rotation and detection mechanism for a video cassette deck according to claim 8, wherein:

the light emitting element and the light receiving element are engaged on a substrate provided under the deck chassis.

17. (previously presented) A reel rotation and detection mechanism for a video cassette deck according to claim 9, wherein:

the light emitting element and the light receiving element are engaged on a substrate provided under the deck chassis.

- 18. (previously presented) A reel rotation and detection mechanism for a video cassette deck according to claim 1, further comprising: at least a second light receiving element for tape end detection is provided under the deck chassis.
- 19. (previously presented) A reel rotation and detection mechanism for a video cassette deck according to claim 2, further comprising: at least a second light receiving element for tape end detection is provided under the deck chassis.

U.S. Patent Application of M ada Serial N .: 09/111,578

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20. (previously presented) A reel rotation and detection mechanism for a video cassette deck

according to claim 8, further comprising: at least a second light receiving element for tape end

detection is provided under the deck chassis.

21. (previously presented) A reel rotation and detection mechanism for a video cassette deck

according to claim 9, further comprising: at least a second light receiving element for tape end

detection is provided under the deck chassis.

22. (previously presented) A reel rotation and detection mechanism for a video cassette deck

according to claim 18, wherein the second light receiving element for detecting the tape, together

with the light emitting element and the first light receiving element are arranged on a substrate under

the deck chassis.

23. (previously presented) A reel rotation and detection mechanism for a video cassette deck

according to claim 19, wherein the second light receiving element for detecting the tape, together

with the light emitting element and the first light receiving element are arranged on a substrate under

the deck chassis.

24. (previously presented) A reel rotation and detection mechanism for a video cassette deck

according to claim 20, wherein the second light receiving element for detecting the tape, together

with the light emitting element and the first light receiving element are arranged on a substrate under

the deck chassis.

25. (previously presented) A reel rotation and detection mechanism for a video cassette deck

according to claim 20, wherein the second light receiving element for detecting the tape, together

with the light emitting element and the first light receiving element are arranged on a substrate under

the deck chassis.

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26. (previously presented) A reel rotation and detection mechanism for a video cassette deck comprising:

a reel rotatably mounted on a cassette deck chassis and having a disk portion generally proximate to said deck chassis provided with an opening portion for transmission of light through said disk portion;

a light emitting element for emitting light used to detect at least the leading end and the entraining end of a magnetic tape within a cassette arranged within the video cassette deck;

a light guiding member for guiding the light from the light emitting element into at least the cassette for detecting the leading and entraining ends of the magnetic tape, and for directly guiding a portion of the light onto the side of the reel for detection of the reel;

at least a first receiving element for receiving the light guided onto the side of the reel;

a light passing portion and a light screening portion provided on the reel so as to cross the light path reaching from the light guiding member to the first light receiving element through the rotation of the reel;

the light emitting element and the first light receiving element are provided under a deck chassis for mounting main components including the reel of the video cassette deck; and

the light guiding member guiding the light from the light emitting element below the deck chassis to a point above the deck chassis and thereafter to the light receiving element under the deck chassis by way of the light passing portion provided on the reel when aligned with the opening portion on the deck chassis.

27. (previously presented) A reel rotation and detection mechanism for a video cassette deck comprising:

a video cassette deck chassis having at least a first opening therein for permitting light to pass therethrough;

a reel rotatably mounted on the cassette deck chassis and having a disk portion generally proximate to the deck chassis provided with a light passing portion for transmission of light through

# U.S. Patent Application of M ada S rial No.: 09/111,578

said disk portion;

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said light passing portion in said disk being arranged to selectively align said light passing portion in said disk with said first opening in said deck chassis along a direction generally normal to said deck chassis;

a light emitting element for emitting light used to detect the at least leading end and the entraining end of a magnetic tape within a cassette arranged within the video cassette deck;

at least a first light guiding member for guiding the light from the light emitting element into the cassette for detecting the leading and entraining ends of a magnetic tape, and for directly guiding a portion of the light onto the side of the reel for detection of the reel;

at least a first light receiving element for receiving the light guided onto the side of the reel; the light passing portion and a light screening portion provided on the reel so as to cross the light path reaching from the light guiding member to the at least first light receiving element through the rotation of the reel;

the light emitting element and the at least first light receiving element are provided under a deck chassis for mounting main components including the reel of the video cassette deck; and

the light guiding member guiding the light from the light emitting element below the deck chassis to a point above the deck chassis and thereafter to the at least first light receiving element under the deck chassis by way of the light passing portion provided on the reel when aligned with the at least first opening portion on the deck chassis.